



GLOBAL
DUST SAFETY
CONFERENCE
2023

Conference Program

LIVE MARCH 28 - 30, 2023

*+ on-demand pre-conference
program*

Learn More At DustSafetyAcademy.com/5fjxf2k7

40+ Presentations Inside →

These are some of our most popular presentations covering fundamentals of combustible dust safety from past conferences.

Section 1: Fundamental Concepts of Combustible Dust

Fundamental Concepts for Combustible Dust Safety

Dr. Chris Cloney | DustEx Research Ltd.

Introduction to Combustible Dust Test Methods

Dr. Ashok Dastidar | Fauske & Associates

Introduction to Electrostatic Spark Hazards

Dr. Vahid Ebadat | Stonehouse Process Safety

Section 2: Dust Hazard Analysis & Combustible Dust Safety

Four Primary Strategies to Achieve Maximum Combustible Dust Safety

Chris Giusto | Hallam-ICS

DHA Case Study & Example Report

Jeremy Slaunwhite | REMBE

Explosion Protection System Deficiencies as Discovered Through Performing DHA's

Phil Parsons | Baker Engineering & Risk Consultants, Inc.

Section 3: Dust Collection & High-Vacuum Cleaning Systems

Simple Methods to Ensure Your Dust Collection System Maintains Combustible Dust Compliance

Jack Osborne | Airdusco EDS

Addressing Common Dust Collection & Combustible Dust Misconceptions

Chrissy Klocker | Donaldson Company Inc.

Avoiding Mistakes with Dust Collection Systems

Diane Cave | Element6 Solutions

Guidelines for Using High-Vacuum Central System to Keep Your Facility Clean

Pablo Balan | Boss Products

Section 4: Popular Past Presentations

Combustible Dust Test Planning - Start with the End Game in Mind

Michelle Murphy | Sigma-HSE

Lessons Learned from Global Plant Inspections

Francesca Vincenzi | REMBE

Practical Application of Performance-Based Design for Combustible Dust Handling Processes Using an Internationally Accepted Framework

Marc Hodapp | Fire & Risk Alliance

The presentations in Section 4 have “Part II” follow-up presentations featured in this year’s conference. The pre-conference on-demand program will be released two weeks before the 2023 conference dates.

DAY 1

GLOBAL
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Live (Online) Program
Tuesday, March 28

Get Your Ticket Today at DustSafetyAcademy.com/5fjxf2k7

Opening & First Keynote

8:30 AM
INTRODUCTION

Opening Welcome

Dr. Chris Cloney | DustEx Research Ltd.

9:00 AM

Current Status of NFPA 660: Standard for Combustible Dusts

*Laura Moreno | NFPA
Jason Krbec | CV Technology*

10:00 AM

15-Minute Break

Session 1: Current Status of Dust Hazard Analysis (DHA)

10:15 AM

Combustible Dust Testing - Start with the End Game in Mind (Part II)

Michelle Murphy | Sigma-HSE

11:00 AM

The Differences in a North American DHA and a European EPD

*Brian Edwards | Fike Corporation
Dilip Arulappan | Fike Europe*

11:45 AM

Risk Management Considerations in Wood Product Manufacturing - An Insurance Broker's Perspective

Will Downing | Acera Insurance

12:30 PM

One-Hour Break

Session 2: Beyond the DHA

1:30 PM

Managing Electrical Equipment for Hazardous (Classified) Locations: Applying NFPA Standards for Combustible Dust Safety

Tim Heneks | Dustcon Solutions

2:15 PM

Lessons Learned from Global Plant Inspections (Part II)

Jeremy Slaunwhite | REMBE

3:00 PM

15-Minute Break

3:15 PM

Keeping the Kibble Clean: Choosing What to do First After a DHA at a Pet Food Company

Diane Cave | Element6 Solutions

4:00 PM

Choosing Between Passive and Active Explosion Protection Solutions

Rob Markle | IEP Technologies

4:45 PM

15-Minute Break

Closing Keynote

5:00 PM
CLOSING

Combustible Dust and OSHA Enforcement

Jeffrey J. Wanko | OSHA

DAY 2

GLOBAL
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Live (Online) Program
Wednesday, March 29

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Opening Keynote

9:00 AM **How Fundamental Explosion Research is Translated into Loss Prevention Guidance at FM Global**
Dr.-Ing. Lorenz R. Boeck | FM Global

10:00 AM *15-Minute Break*

Session 3: Innovations in Fire and Explosion Safety Technology

10:15 AM **Flameless Venting Design Requirements from Testing to Application**
Jason Krbec | CV Technology

11:00 AM **New Developments in Spark Detection and Extinguishing Technologies**
Nils Vespermann & Todd Havican | Fagus-GreCon

11:45 PM **New Developments in Flammable Gas Detection in Drying and Related Processes**
Gerrit Fikse | REMBE

12:30 PM *One-Hour Break*

Session 4: Innovations in Dust Control and Cleaning Technology

1:30 PM **Can You Automate Dust Safety?**
Jordan Newton | SonicAire

2:15 PM **Evolution of High-Level Combustible Dust Cleaning Solutions**
Bill Prince & Frank Cruz | SpaceVac

3:00 PM *15-Minute Break*

3:15 PM **Dust Detection as a Risk Mitigation Technique: Principles and Case Studies**
John Korpi | Sintrol

4:00 PM **Combustible Dust Remediation**
Dan Beml | Great Lakes Power Vac

4:45 PM *15-Minute Break*

Closing Keynote

5:00 PM **Recent Updates to the International Fire Code Chapter 22: Combustible Dust-Producing Operations**
Marc Hodapp | Fire & Risk Alliance

CLOSING

DAY 3

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Live (Online) Program
Thursday, March 30

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Opening Keynote

9:00 AM **Recent Developments in the European Dust Explosion Protective System and Device Standards**
Dr. Kees Van Wingerden | Vysus Norway AS

10:00 AM *15-Minute Break*

Session 5: Combustible Dust Case Studies, Part 1

10:15 AM **Fire Prevention Case Study: Raptor Spark Detection and Extinguishing System**
Joe Kain | Boss Products

11:00 AM **Welding in the Dark: Can Fumes Really Explode?**
Rick Kreczmer | RoboVent

11:45 AM **Comprehensive Safety Solutions: A Case Study from DHA to Design to Implementation**
Chris Giusto | Hallam-ICS

12:30 PM *One-Hour Break*

Session 6: Combustible Dust Case Studies, Part 2

1:30 PM **Case Studies and Fallout From Not Using a Qualified Professional - Part 1: Dust Hazard Analysis**
Kevin Cardwell | Airdusco

2:15 PM **Case Studies and Fallout From Not Using a Qualified Professional - Part 2: Dust Fire and Explosion Investigations**
Kevin Cardwell | Airdusco

3:00 PM **Practical Application of Performance-Based Design (Part II)**
Marc Hodapp | Fire & Risk Alliance

3:45 PM *15-Minute Break*

Closing Keynote

4:00 PM **Lessons Learned From a Large-Scale Dust Explosion Incident Investigation**
Brian Dunagan | IFO Group